

Some Syrphid Fly Synonymy

By C. L. FLUKE, University of Wisconsin

There are several cases of synonymy, principally my own, which I wish to clear up at this time.

Mesograpta versus **Mesogramma**

1865. *Mesogramma* Loew, Berl. Ent. Zeitsch. 9: 157 (Not Stephens, 1850, List Brit. Animals, Brit. Mus., Lepidoptera, p. 183).

1872. *Mesograpta* Loew, Berl. Ent. Zeitsch. 16: 114.

It is interesting to note that Loew changed from *Mesogramma* to *Mesograpta* because of preoccupation in Botany. Aldrich in his catalogue went back to *Mesogramma* indicating that the change was not valid.

Early last spring W. W. Wirth of the U. S. National Museum called my attention to the use of *Mesogramma* by Stephens in 1850 in Lepidoptera. Even though *Mesogramma* Stephens stands as an objective synonym of another name in *Geometridae*, the name is not available for these common American *Syrphidae*. It is therefore necessary to go back again to *Mesograpta* Loew. We are indebted to Miss Ina Hawes who called our attention to the above preoccupation.

Lunomyia brooksi (Curran)

1927. *Parhelophilus brooksi* Curran, Can. Ent. 59: 90.

1939. *Lunomyia pollinaria* Fluke, Ann. Ent. Soc. Amer. 32: 373.

I overlooked Curran's species primarily because he described it in *Parhelophilus* instead of in *Lunomyia*. Hull, Trans. Zool. Soc. London 26: 386, places *Lunomyia* as a subgenus of *Asemosyrphus*.

Rhysops neotropicum (Curran)

1937. *Melanostoma neotropicum* Curran, Amer. Mus. Novit. No. 926: 4.

1945. *Rhysops columella* Fluke, Amer. Mus. Novit. No. 1272: 8.

***Volucella beatricea* Hull**

1950. *Volucella beatricea* Hull, Rev. de Entomologia 21: 235.
 1951. *Volucella ecuadorena* Fluke, Amer. Mus. Novit. No. 1503: 14.

I have not seen Hull's type which was a female from Ecuador but believe there is no question about the synonymy.

***Allograpta micrura* (Osten Sacken)**

1877. *Sphaerophoria micrura* Osten Sacken, Western Dipt. 330.
 1884. *Sphaerophoria picticauda* Bigot, Ann. Soc. Ent. France, p. 102.
 1942. *Epistrophe micrura* and *picticauda* Fluke, Amer. Mus. Novit. No. 1201: 14 & 15.
 1950. *Allograpta micrura* Fluke, Trans. Wis. Acad. Sci. Arts and Lett. 40: 146.

This species, which has been shoved around in different genera, is a true *Allograpta* based on a study of the genitalia.

Current Entomological Literature

Compiled by VENIA T. PHILLIPS, Librarian

Academy of Natural Sciences of Philadelphia

Under the above head it is intended to note papers received at the Academy of Natural Sciences of Philadelphia and the University of Pennsylvania pertaining to entomology, including all arthropods except Crustacea. Coverage will be world-wide as regards major contributions to systematics as well as for all papers on morphology, physiology, embryology, etc. In addition, for species from the Americas and the Pacific (Nearctic, Neotropical and Polynesian regions) all minor contributions to taxonomy, distribution, etc., will also be recorded.

This list gives references of the year 1953 unless otherwise noted. Continued papers, with few exceptions, are recorded only at their first installment.

For other records of general literature and for economic literature, see the Bibliography of Agriculture, Washington, and the Review of Applied Entomology, Series A, London. For records of papers on medical entomology see Review of Applied Entomology, Series B.

NOTE: The figures within brackets [] refer to the journal in which the paper appeared, as numbered in the List of periodicals and serials published in our January and June issues. The number of the volume, and in some cases, the part, heft, &c. is followed by a colon (:). References to papers containing new forms or names not so stated in titles are followed by (*); if containing keys are followed by (k); papers pertaining exclusively to Neotropical species, and not so indicated in the title, have the symbol (S).

Papers published in ENTOMOLOGICAL NEWS are not listed.

GENERAL—Birch, L. C.—Experimental background to the study of the distribution and abundance of insects.
 III. The relation between innate capacity for increase and